



12-18-06

ITW

In re the Application of: **Lewis B. Benson et al.**

Group Art Unit:

Serial No.: **10/583,008**

Filed: **June 15, 2006**

For: **METHOD FOR PRODUCING ACTIVATED LIME FOR REMOVAL OF ACID GASES FROM A COMBUSTION GAS**

/Steven Bos/ (09/07/200

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 15, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. Copies of the Foreign Patent and the "Other" documents are enclosed. /

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

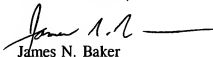
The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /sjb/

The Commissioner is authorized to charge our Deposit Account No. 16-0485 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (4)



|   |   |                              |
|---|---|------------------------------|
| <b>INFORMATION<br/>DISCLOSURE<br/>CITATION<br/>PTO-1449</b> | AIA Docket No. <b>06012</b>                 | Serial No. <b>10/583,008</b> |
|   | Applicant(s): <b>Lewis B. Benson et al.</b> |                              |
|   | Filing Date: <b>June 15, 2006</b>           | Group Art Unit:              |

### U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Name                     | Date     | Class | Subclass | Filing Date (If appropriate) |
|------------------|--------------|--------------------------|----------|-------|----------|------------------------------|
| _____            | AA           | 2,474,207 Wheeler et al. | 06/28/49 | 23    | 186      |                              |
| _____            | AB           | 4,178,349 Wienert        | 12/11/79 | 423   | 244      |                              |
| _____            | AC           | 4,387,078 Lin            | 06/07/83 | 423   | 244      |                              |
| _____            | AD           | 5,084,256 McElroy et al. | 01/28/92 | 423   | 244      |                              |
| _____            | AE           |                          |          |       |          |                              |

### FOREIGN PATENT DOCUMENTS

| Document No.           | Date     | Country | Translation (Yes or No) |
|------------------------|----------|---------|-------------------------|
| _____ AF JP 07-149580A | 06/13/95 | Japan   | Yes                     |
| _____ AG               |          |         |                         |
| _____ AH               |          |         |                         |
| _____ AI               |          |         |                         |
| _____ AJ               |          |         |                         |

### OTHER DOCUMENTS

|          |   |   |
|----------|---|---|
| _____    | AK  | Structural Transformations in Ca-Based Sorbents Used for SO <sub>2</sub> Emission Control by W. Jozewicz and B.K. Gullett, Research Triangle Park, USA, Jan. 1994                               |
| _____    | AL  | Dry Hydroxide Injection at Economizer Temperatures for Improved SO <sub>2</sub> Control by S. J. Bortz, V.P. Roman, R. J. Yang of KVB, Inc. & G. R. Offen, of Electric Power Research Institute |
| _____    | AM  | Micromeritics of Lime, Howard R. Staley, Massachusetts Institute of Technology  |
| Examiner | /Steven Bos/ (09/07/2009) Date Considered |   |



Document No.: 06012

CERTIFICATE OF MAILING

Express Mail Label No. EV 651937945 US

I hereby certify that, on December 15, 2006, the attached Information Disclosure Statement was deposited with the United States Postal Service, as Express Mail utilizing the Express Mail Post Office to Addressee Service, postage pre-paid, addressed to:

*MAIL STOP AMENDMENT BK*

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(Signature)

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December 15, 2006